

### In the Specification

Beginning on page 1 and ending on page 2, please replace paragraph 5 and 6 with the following:

**[0005]** 1. Sequential in space:

- a. Magnetic sector hybrids (4-sector, Mag-Trap, Mag- TOF, etc). See for example F.W. McLafferty; Ed. Tandem mass spectrometry; Wiley-Interscience: New York; 1983
- b. Triple quadrupole (Q), wherein the second quadrupole is used as an RF-only collision cell (QqQ). See for example Hunt DF, Buko AM, Ballard JM, Shabanowitz J, and Giordani AB; Biomedical Mass Spectrometry, 8 (9) (1981) 397-408.
- c. Q-TOF (a quadrupole analyzer followed by a TOF analyzer). See for example H.R. Morris, T. Paxton, A. Dell, J. Langhorne, M. Berg, R.S. Bordoli, J. Hoyes and R.H. Bateman; Rapid Comm. in Mass Spectrom; 10 (1996) 889-896; and I. Chernushevich and B. Thomson; ~~US Patent Serial No. 30159 of 2002~~ , US Patent Application Publication Number 20020030159.
- d. TOF-TOF (two sequential TOF analyzers with a collisional cell in between). See for example T.J. Cornish and R.J. Cotter, US Pat. 5,464,985 (1995)

**[0006]** 2. Sequential in time: ion traps such as Paul trap (see for example R.E. March and R.J. Hughes; Quadrupole Storage Mass Spectrometry, John Wiley, Chichester, 1989), Fourier Transform Ion Cyclotron Resonance (FT ICR - see for example A.G. Marshall and F.R. Verdum; Fourier transforms in NMR, Optical and Mass Spectrometry, Elsevier, Amsterdam, 1990) radial-ejection linear trap mass spectrometer (LTMS - see for example M. E. Bier and J.E. Syka; US Patent No. 5,420,425), and axial-ejection linear trap mass spectrometer (see, for example, J. Hager ~~US-A-6,177,688~~ 6,177,668).